

JUN 17 2004

OFFICIAL

#3  
003/008

PTO/SB/82 (09-03)

|  |                            |  |
|--|----------------------------|--|
| <b>REVOCATION OF POWER OF ATTORNEY WITH<br/>NEW POWER OF ATTORNEY<br/>AND<br/>CHANGE OF CORRESPONDENCE ADDRESS</b> | Application/Patent Numbers | as set forth in Schedule A appended hereto |
|  | Filing/Issue Dates         | as set forth in Schedule A appended hereto |
|  | Attorney Docket Numbers    | as set forth in Schedule A appended hereto |

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number: **20350**

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with Customer Number: **20350**

OR


|  |  |       |  |     |  |
|--|--|-------|--|-----|--|
| <input type="checkbox"/> Firm or Individual Name |  |       |  |     |  |
| Address  |  |       |  |     |  |
| Address  |  |       |  |     |  |
| City   |  | State |  | ZIP |  |
| Country  |  |       |  |     |  |
| Telephone  |  | Fax   |  |     |  |

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

|           |   |  |           |  |  |
|-----------|---|--|-----------|--|--|
| Name      | Julia Ceffalo   |  |           |  |  |
| Signature |  |  |           |  |  |
| Date      | 13 JUNE 2004  |  | Telephone |  |  |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

60238174 v1

**Schedule A (as attached to PTO/SB/82)**

| <b>Application No.<br/>Filing Date</b> | <b>Patent No.<br/>Issue Date</b> | <b>Attorney Docket No.</b> |
|--|----------------------------------|----------------------------|
| 09/738,466<br>December 15, 2000        |                                  | 022193-060100US            |
| 09/738,733<br>December 15, 2000        |                                  | 022193-060200US            |
| 09/894,225<br>June 27, 2001            |                                  | 022193-060300US            |
| 09/898,034<br>July 3, 2001             |                                  | 022193-060400US            |
| 10/681,829<br>October 7, 2002          |                                  | 022193-060410US            |
| 09/919,713<br>July 31, 2001            |                                  | 022193-060500US            |
| 09/925,137<br>August 8, 2001           |                                  | 022193-060600US            |
| 09/925,158<br>August 8, 2001           |                                  | 022193-060700US            |
| 10/759,376<br>January 15, 2004         |                                  | 022193-060710US            |
| 09/925,156<br>August 8, 2001           |                                  | 022193-060800US            |
| 09/925,157<br>August 8, 2001           |                                  | 022193-060900US            |
| 09/925,159<br>August 8, 2001           |                                  | 022193-061000US            |
| 09/925,160<br>August 8, 2001           |                                  | 022193-061100US            |
| 09/925,155<br>August 8, 2001           |                                  | 022193-061200US            |
| 09/925,161<br>August 8, 2001           |                                  | 022193-061300US            |
| 09/925,127<br>August 8, 2001           |                                  | 022193-061400US            |
| 09/925,136<br>August 8, 2001           |                                  | 022193-061500US            |
| 09/927,306<br>August 9, 2001           |                                  | 022193-061600US            |

PTO/SB/95 (08-03)

Attorney Docket No. 022193-061600US

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Stephen Clark Purcell et al.Application No./Patent No.: 09/927,306 Filed/Issue Date: August 9, 2001Entitled: SLICED CROSSBAR ARCHITECTURE WITH INTERSLICE COMMUNICATIONPasternak Solutions LLC, a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_%

In the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Stephen Clark Purcell et al. To: Believe, Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: Believe, Inc. To: Pasternak Solutions LLC  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

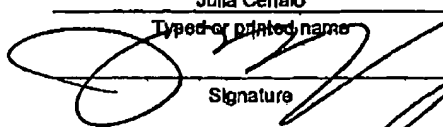
- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

13 JUNE 2004  
Date

\_\_\_\_\_  
Telephone number

Julia Ceffalo  
Typed or printed name  
  
Signature  
\_\_\_\_\_  
Authorized Person  
\_\_\_\_\_  
Title

60238028 v1

**Exhibit B**  
**ASSIGNMENT OF PATENT RIGHTS**

For good and valuable consideration, the receipt of which is hereby acknowledged, **Believe, Inc.**, a Delaware corporation, having offices at 3203 Scott Boulevard, Santa Clara, California 95054, ("Assignor"), does hereby sell, assign, transfer and convey unto **Pasternak Solutions LLC**, a Delaware Corporation, having an office at 171 Main Street, #271, Los Altos, California 94022 ("Assignee") or its designees, all of Assignor's right, title and interest in and to the patent applications and patents listed below, any patents, registrations, or certificates of invention issuing on any patent applications listed below, the inventions disclosed in any of the foregoing, any and all counterpart United States, international and foreign patents, applications and certificates of invention based upon or covering any portion of the foregoing, and all reissues, re-examinations, divisionals, renewals, extensions, provisionals, continuations and continuations-in-part of any of the foregoing (collectively "Patent Rights"):

| <u>Patent<br/>Number</u> | <u>Country</u> | <u>Issue or Fil-<br/>ing Date</u> | <u>Title</u>   |
|--------------------------|----------------|-----------------------------------|--|
| 09/925,137               | U.S.           | 8/9/01                            | Layered Crossbar for Interconnection of Multiple Processes and Shared Memories |
| 09/738,733               | U.S.           | 12/15/00                          | Method and Apparatus for Improved Data Bus Efficiency                          |
| 09/898,034               | U.S.           | 7/3/01                            | Method and Apparatus for Implementing Level of Detail With Ray Tracing         |
| 10/681,829               | U.S.           | 10/7/03                           | Method and Apparatus for Implementing Level of Detail With Ray Tracing         |
| 09/927,306               | U.S.           | 8/8/01                            | Sliced Crossbar Architecture with Inter-Slice Communication                    |
| 09/925,158               | U.S.           | 8/8/01                            | Memory Bus Arbitration Using Memory Bank Readiness                             |
| 10/759,376               | U.S.           | 1/15/04                           | Memory Bus Arbitration Using Memory Bank Readiness                             |
| 09/925,160               | U.S.           | 8/8/01                            | One Way Transaction Tagging in a Switch Crossbar                               |
| 09/925,156               | U.S.           | 8/8/01                            | Sliced Crossbar Architecture with No Inter-Slice Communication                 |

|            |      |          |   |
|------------|------|----------|---|
| 09/738,466 | U.S. | 12/14/00 | Method and System for Creating and Managing A Digital Content Creation Project Over a Network       |
| 09/925,157 | U.S. | 8/8/01   | Method and System for Digital Rendering Over a Network  |
| 09/925,155 | U.S. | 8/8/01   | Method and Apparatus for Generating Random Numbers for Use in a Field Programming Gate Array        |
| 09/925,161 | U.S. | 8/8/01   | Method and Apparatus for Accumulating Floating Point Values   |
| 09/919,713 | U.S. | 7/31/01  | Method and system to implement an improved floating point adder with integrated adding and rounding |
| 09/894,225 | U.S. | 6/27/01  | Object Visibility Control for Ray Tracing   |
| 09/925,127 | U.S. | 8/8/01   | Efficiently Determining Mip Map Storage Locations for the Level of Detail of a Mip Map of an Image  |
| 09/925,159 | U.S. | 8/8/01   | Efficient Serialization of (Bursty) Out-of-Order Results  |
| 09/925,136 | U.S. | 8/8/01   | Efficiently Determining a Floor for a Floating Point Floor Number                                   |

Assignor represents, warrants and covenants that: (i) it is the sole owner, assignee and holder of record title to the Patent Rights identified above, (ii) it has, to the best of Assignor's knowledge, obtained and properly recorded previously executed assignments for all patent applications and patents identified above as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction, and (iii) it has full power and authority to make the present assignment. Assignor shall provide any reasonable and necessary assistance to Assignee to cure any breaches of the foregoing, but shall not indemnify Assignor for any such breaches.

Assignor further agrees to and hereby does sell, assign, transfer and convey unto Assignee all rights that may exist: (i) in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patent Rights, and (ii) to apply in any or all countries of the world for patents, certificates of invention or other governmental grants for the Patent Rights, including without limitation under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding. Assignor also hereby authorizes the respective patent office or governmental agency in each ju-

jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefor, do all things reasonably necessary, proper, or advisable, including without limitation the execution, acknowledgment and recordation of specific assignments, oaths, declarations and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance shall include assisting Assignee in obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights.

The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

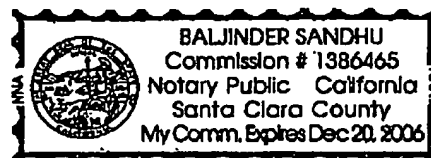
IN WITNESS WHEREOF this Assignment of Patent Rights is executed at \_\_\_\_\_  
on 26 APRIL, 2004.

ASSIGNOR

By: [Signature]  
Name: PATRICK W. LITTLE  
Title: PRESIDENT & CEO

(Notarization Required)

STATE: CALIFORNIA  
COUNTY: SANTA CLARA  
SUBSCRIBED AND SWORN TO BEFORE ME  
THIS 26th DAY OF APRIL, 2004  
Baljinder Sandhu  
NOTARY PUBLIC



JUN 17 2004

OFFICIAL

Atty Docket No. 022193-061600US

PTO FAX NO.: (703) 872-9306

ATTENTION: Examiner Unassigned

Group Art Unit 2661

TELEPHONE NO.: (703) 308-1202

**OFFICIAL COMMUNICATION**  
**FOR THE ATTENTION OF THE O.I.P.E.**  
**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following documents in re Application of Stephen Clark Purcell et al., Application No. 09/927,306, filed August 9, 2001 for SLICED CROSSBAR ARCHITECTURE WITH INTERSLICE COMMUNICATION are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Transmittal Form
2. Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address (with Schedule A appended) - 2 pages
3. Statement Under 37 CFR 3.73(b) with copy of Assignment - 4 pages

Number of pages being transmitted, including this page: 8

Dated: June 16, 2004

  
Michael Nowak

**PLEASE CONFIRM RECEIPT OF THIS PAPER BY  
RETURN FACSIMILE AT (415) 576-0300**

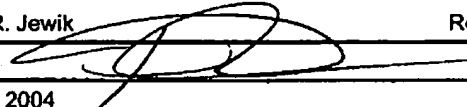
TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, CA 94111-3834  
Telephone: 415-576-0200  
Fax: 415-576-0300


60240422 v1

PTO/SB/21 (02-04)

|   |   |                        |                        |
|---|---|------------------------|------------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) |   | Application Number     | 09/927,306             |
|   |   | Filing Date            | August 9, 2001         |
|   |   | First Named Inventor   | Purcell, Stephen Clark |
|   |   | Art Unit               | 2661                   |
|   |   | Examiner Name          | Unassigned             |
| Total Number of Pages in This Submission  | 7 | Attorney Docket Number | 022193-061600US        |

| ENCLOSURES (Check all that apply)   |  |  |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input checked="" type="checkbox"/> Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address (with Schedule A appended)<br><input checked="" type="checkbox"/> Statement Under 37 CFR 3.73(b) with copy of Assignment<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Facsimile Cover Sheet |
| Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.   |  |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |                 |
|--|---|-----------------|
| Firm or Individual name                    | Townsend and Townsend and Crew LLP<br>Patrick R. Jewik                              | Reg. No. 40,456 |
| Signature                                  |  |                 |
| Date                                       | June 16, 2004   |                 |

| CERTIFICATE OF TRANSMISSION/MAILING   |   |      |               |
|---|---|------|---------------|
| I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-9306 on June 16, 2004. |   |      |               |
| Typed or printed name   | Michael Nowak   |      |               |
| Signature   |  | Date | June 16, 2004 |

60240172 v1